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States Government

Department of Energy

DUE DATE 1-19-93

JAN 7 7 59 AM '93 Rocky Flats Office

# Memorandum

ACTION Benedetti

DIST. ENC

BENEDETTI, R L	<input checked="" type="checkbox"/>
BENJAMIN, A	<input type="checkbox"/>
BERMAN, H S	<input type="checkbox"/>
CARNIVAL, G J	<input type="checkbox"/>
CORDOVA, R C	<input type="checkbox"/>
CROUCHER, D W	<input type="checkbox"/>
DAVIS, J G	<input type="checkbox"/>
FERRERA, D W	<input type="checkbox"/>
HANNI, B J	<input type="checkbox"/>
HEALY, T J	<input type="checkbox"/>
HEDAHL, T G	<input type="checkbox"/>
HILBIG, J G	<input type="checkbox"/>
IDEKER, E H	<input type="checkbox"/>
KIRBY, W A	<input type="checkbox"/>
KUESTER, A W	<input type="checkbox"/>
LEE, E M	<input type="checkbox"/>
MANN, H P	<input type="checkbox"/>
MARX, G E	<input type="checkbox"/>
McKENNA, F G	<input type="checkbox"/>
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PIZZUTO, V M	<input type="checkbox"/>
POTTER, G L	<input type="checkbox"/>
RILEY, J H	<input type="checkbox"/>
SANDLIN, N B	<input type="checkbox"/>
SATTERWHITE, D G	<input type="checkbox"/>
SCHUBERT, A L	<input type="checkbox"/>
SETLOCK, G H	<input type="checkbox"/>
SHEPLER, R L	<input type="checkbox"/>
SULLIVAN, M T	<input type="checkbox"/>
SWANSON, E R	<input type="checkbox"/>
WILKINSON, R B	<input type="checkbox"/>
WILSON, J M	<input type="checkbox"/>
ZANE, J O	<input type="checkbox"/>

JAN 05 1993

ROCKY FLATS OFFICE

ERD SG 14857

Operable Unit 1 (881 Hillside) IM/IRA Collection Configuration

Robert Benedetti, Acting Associate General Manager  
Environmental Restoration Management  
EG&G Rocky Flats Inc

Reference (1) Memorandum J Hartman to J Kersh dated June 24 1992 subject OU1 IM/IRA Effluent Capacity Changes to Design, and Real Time Analysis ERD SG 6810

(2) Memorandum K. Kersh to T Vaeth dated July 9 1992 subject Operable Unit 1 (OU1) 881 Hillside IM/IRA Treatment Building 891 Operations JMK 0653 92

(3) Memorandum J Hartman to J Kersh dated September 2 1992 subject OU1 IM/IRA Operations ERD PS/SG 9722

(4) Memorandum R. Benedetti to T Vaeth dated September 29 1992 subject OU1 IM/IRA Treatment Building 891 Operations RLB-0643 93

Reference 1 first directed EG&G to re-configure the collection system at the OU1 Interim Measure/Interim Remedial Action (IM/IRA) to match the IM/IRA Decision Document. The technical reasons to re configure have also been discussed In reference 4 you indicated that design was to have been completed by the end of October 1992 and that the modifications were tentatively scheduled to be complete in December 1992

A critical part of the plan for the collection system modification is dependent on the 881 Building footing drain collection source The quantity and quality of this water must be assessed in order to determine what flow (if any) should be part of the modified collection system If the water is statistically below ARARs we have a good argument to present to EPA/CDH to cease collection of this source as part of the IM/IRA At the minimum we should collect a design flow as is being done in the Operable Unit 2 (903 Pad Mound and East Trenches) Surface Water IM/IRA. Therefore we must have the complete (statistical) analysis of the quantity and quality from the 881 footing drain by January 19 1993

CORRES CONTROL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TRAFFIC	<input type="checkbox"/>	<input type="checkbox"/>

Reviewed to Addressee  
Corr s Control RFP

1-7-93 Ca  
DATE BY

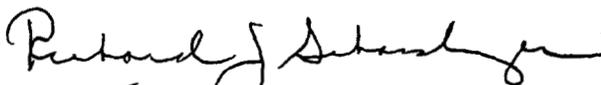
Ref Ltr # 4647 RF92  
3264 RF92

ADMIN RECORD

JAN 05 1993

The recent hydrochloric acid overflow occurrence highlights the need to have the collection system modified. If the overflow event or some other event had caused shutdown of IM/IRA treatment operations during the wet season, the limited influent capacity storage could have resulted in an overflow situation in the French Drain itself.

In summary, a complete assessment and analysis of the quantity and quality of the 881 footing drain water must be delivered to us by January 19, 1993. If you have any questions about this, please contact Scott Grace at extension 7199.



James K. Hartman  
Assistant Manager  
for Environmental Management

cc  
A Rampertaap EM-453  
J Ciocco EM-453  
P Singh ERD RFO  
M Arndt, EG&G  
W Busby EG&G  
M Buddy EG&G  
C Gee EG&G  
M Burmeister EG&G